

# Abrasives 9





## Contents

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### **Winnerflex Standard Cutting & Grinding Discs**

Flat Cutting Discs	252
Depressed Centre Cutting Discs	252
Flat Super Thin Cutting Discs	252
Depressed Centre Grinding Discs	252
Coned Flap Discs	253
Fibre Discs	253
White Backing Pads – Medium Flexibility	253
Sanding Belts	253

### **3M Premium Cutting & Grinding Discs**

Cut-Off Wheels	256
Grinding Wheels	256
Flap Discs	256
Fibre Discs	257
Sanding	258
Clean & Strip Disc	258
Unitised Discs	259
Surface Conditioning Discs	259
Refining/Surface Preparation	260

## Flat Cutting Discs EN 12413

### SPECIFICATIONS

For all types of iron and steel

### WHERE TO USE

Especially for profile, pipe or general solid iron types and general construction steels

### ADVANTAGES

- Smooth cut
- Fast cut

Part No.	Diameter (mm)	Centre hole (mm)	Thickness (mm)	RPM	Box/Carton
<b>904511</b>	115	22	2.5	13300	25/200
<b>904513</b>	125	22	2.5	12200	25/200
<b>967934</b>	230	22	3.0	6500	25/100
<b>904612</b>	300	20	3.5	5100	25/50
<b>975083</b>	350	25.4	3.5	4400	25



## Depressed Centre Cutting Discs EN 12413

### SPECIFICATIONS

With its long life and fast cutting, it's a high performance disc for iron and steel cutting

### WHERE TO USE

Especially for profile, pipe or general solid iron types and general construction steels

### ADVANTAGES

- Economic
- Fast cut
- Long life

Part No.	Diameter (mm)	Centre hole (mm)	Thickness (mm)	RPM	Box/Carton
<b>975240</b>	100	16	3.0	15250	25/200
<b>967671</b>	115	22	2.5	13300	25/200
<b>904519</b>	125	22	2.5	12200	25/200
<b>975010</b>	230	22	3.0	6500	25/100



## Flat Super Thin Cutting Discs EN 12413

### SPECIFICATIONS

High performance and long product life. Non-ferrous, it does not cause any rust on stainless surfaces

### WHERE TO USE

Thick profiles, pipes, every type of solid stainless steel

### ADVANTAGES

- Economic
- Long life

Part No.	Diameter (mm)	Centre hole (mm)	Thickness (mm)	RPM	Box/Carton
<b>975035</b>	115	22	1.0	13300	25/300
<b>975037</b>	125	22	1.0	12200	25/300
<b>975040</b>	230	22	1.9	6500	25/100



## Depressed Centre Grinding Discs EN 12413

### SPECIFICATIONS

Provides a high burr removal and high performance with long life for general types of iron and steel

### WHERE TO USE

Metal grinding of profile, rebar and steel structures such as iron and steels, soft and hardened steels, etc

### ADVANTAGES

- High burr removal
- Long life

Part No.	Diameter (mm)	Centre hole (mm)	Thickness (mm)	RPM	Box/Carton
<b>975051</b>	100	16	6.4	15250	100
<b>975052</b>	115	22	6.4	13300	100
<b>975053</b>	125	22	6.4	12200	100
<b>975054</b>	180	22	6.4	8500	50
<b>975057</b>	230	22	6.4	6500	50



## Coned Flap Discs EN 13743

Part No.	Diameter (mm)	Centre hole (mm)	Grit	RPM	Box/Carton
<b>1614</b>	115	22	40	13300	10/120
<b>1615</b>	115	22	60	13300	10/120
<b>1616</b>	115	22	80	13300	10/120
<b>1617</b>	125	22	40	12200	10/120
<b>1618</b>	125	22	60	12200	10/120
<b>1619</b>	125	22	80	12200	10/120



## Fibre Discs EN 13743

Part No.	Diameter (mm)	Centre hole (mm)	Grit	RPM	Box/Carton
<b>1650</b>	100	16	36	15250	25
<b>1651</b>	100	16	60	15250	25
<b>1652</b>	100	16	80	15250	25
<b>1653</b>	100	16	120	13300	25
<b>1654</b>	115	22	36	13300	25
<b>1655</b>	115	22	60	13300	25
<b>1656</b>	115	22	80	13300	25
<b>1657</b>	115	22	120	13300	25
<b>1658</b>	125	22	36	12200	25
<b>1659</b>	125	22	60	12200	25
<b>1663F</b>	125	22	80	12200	25
<b>1664</b>	125	22	120	12200	25



## White Backing Pads – Medium Flexibility ISO 15636

Part No.	Abrasive (mm)	Pad (mm)	Height (mm)	Thread	Grits	Qty
<b>20030</b>	100	90	15	3/8 x 24	60 + Finer	1
<b>20115</b>	115	104	15	M14 x 2	60 + Finer	1
<b>20210</b>	125	116	20	M14 x 2	60 + Finer	1
<b>11113</b>	115	107.5	20	M14 x 2	60 + Finer	1
<b>11114</b>	115	107.5	20	5/8 UNC	60 + Finer	1



## Sanding Belts EN 13743

Part No.	Width (mm)	Length (mm)	Grit	Qty
<b>SB10-60</b>	10	330	60	10
<b>SB10-80</b>	10	330	80	10
<b>SB10-120</b>	10	330	120	10
<b>SB10L-60</b>	10	600	60	10
<b>SB10L-80</b>	10	600	80	10
<b>SB10L-120</b>	10	600	120	10
<b>SB20-60</b>	20	520	60	10
<b>SB20-80</b>	20	520	80	10
<b>SB20-120</b>	20	520	120	10





# 3M™ Industrial Abrasives

**CUBITRON II**

**Scotch-Brite™**

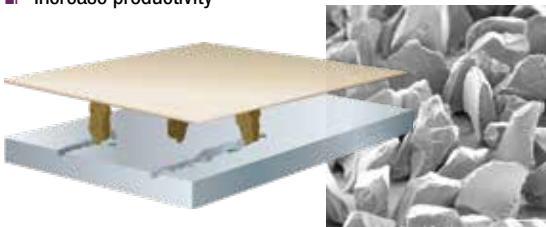
## CUBITRON™ II

### Grinding and cutting reinvented

3M™ Cubitron™ II abrasives are revolutionising the cutting and grinding process. They're faster cutting and longer lasting than conventional abrasives.

With 3M Precision-Shaped Grain technology that transforms the process of grinding and cutting metal, Cubitron II abrasives:

- Cut faster
- Stay sharp longer
- Require less pressure
- Help reduce operator fatigue
- Increase productivity



Conventional ceramic abrasive grain is irregular in shape. Instead of a clean, machining action, the grain 'ploughs' through the metal, causing heat build-up, slower cutting and shorter life.



3M Precision-Shaped Grain in Cubitron™ II abrasives continuously fracture to form sharp points and edges – slicing cleaner and faster, staying cooler and lasting many times longer.

### 3 reasons why it's better

- 1 Cuts faster**  
helps improve productivity and throughput
- 2 Lasts longer**  
helps save money
- 3 Easier to use**  
good for your workers, good for your business

## Scotch-Brite™

### Prepared for perfection

The perfect finish starts with Scotch-Brite™

Performance. Durability. Reliability. Excellence.

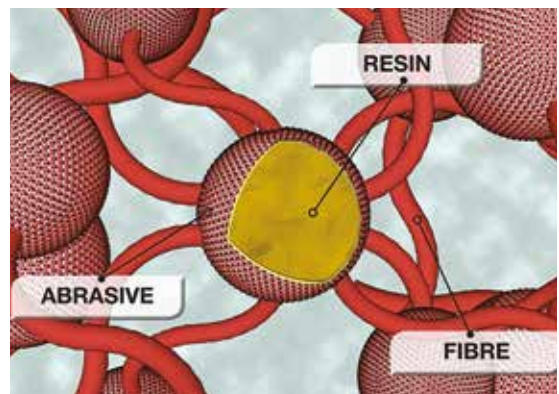
We don't release a surface conditioning product until we can guarantee it delivers all four. Because at Scotch-Brite, our standards are as high as yours. After all, if you don't compromise on quality, why should we?

#### Scotch-Brite Non-Woven Technology Explained

Our unique Non-Woven Web is the secret to superior performance. It binds together synthetic fibres and abrasive particles to create a conformable, three-dimensional material. Its open structure reduces the risk of warping or discolouring the part, resists loading, improves finish and prolongs the product's life. What's more, our Non-Woven Web is engineered to continually expose fresh abrasive to the work surface, for a consistent, smoother finish – without the risk of overworking the part and disturbing critical tolerances.

#### What makes Scotch-Brite the best you can buy?

- A tough, non-woven nylon web impregnated with resin and mineral throughout its structure
- Spring-like action produces a smooth, burr-free surface
- Uniform, consistent results with no undercutting
- Suitable for deburring, finishing, cleaning and small weld removal applications
- Easy to use, less rework, fewer rejects



## Cut-off Wheels

### 3M™ Silver Cut-off Wheel

Acts like a cutting tool, slicing through metal like a knife. The material is continuously self-sharpening, as points break off during use to expose new sharp edges – slicing cleaner and faster, staying cooler and lasting many times longer than conventional grain types.

Part No.	Diameter (mm)	Thickness (mm)	Centre hole	Type	Max RPM	Box Qty
<b>51785</b>	115	1.0	22.23	T41	13300	25
<b>51787</b>	115	1.6	22.23	T41	13300	25
<b>51800</b>	115	2.5	22.23	T42	13300	25
<b>51790</b>	125	1.0	22.23	T41	12250	25
<b>51804</b>	230	2.0	22.23	T41	6650	25

Other sizes available – call for details.



## Grinding Wheels

### 3M™ Silver Depressed Centre Grinding Wheel

Featuring 3M's Precision-Shaped Ceramic Grain, cut faster and last longer than competitive aluminum oxide and alumina zirconia wheels. They have been designed for everyday high performance, helping you to reduce your abrasive spend without compromising on performance.

Part No.	Diameter (mm)	Thickness (mm)	Centre hole	Type	Max RPM	Box Qty
<b>51747</b>	115	7	22.23	T27	13300	10
<b>51748</b>	125	7	22.23	T27	12250	10
<b>51751</b>	230	7	22.23	T27	6500	10

Also available in 100mm, 125mm, 150mm and 180mm.



## Flap Discs

### 3M™ Flap Disc 769F

3M Flap Disc 769F is designed medium to high unit-pressure applications. The primary substrates for this product are carbon steel, stainless steel and other nickel/chromium-based alloys.

Part No.	Diameter (mm)	Centre Hole (mm)	Grade	Max RPM	Type	Box Qty
<b>51991</b>	115	22	40+	13300	Conical	25
<b>51993</b>	115	22	60+	13300	Conical	25
<b>51995</b>	115	22	80+	13300	Conical	25

Also available in 125mm and 180mm and Type 27 Flat version.





## Fibre Discs

### 3M™ Cubitron™ II Fibre Disc 982CX Pro

The 3M™ Cubitron™ II Fibre Disc 982CX Pro features reinvented precision-shaped grain and redesigned construction for faster cutting, longer life and improved performance. Ideal for medium and high-pressure applications such as weld removal, beveling and other aggressive grinding applications.

Part No.	Diameter (mm)	Centre Hole (mm)	Grit	Max RPM	Accessory	Box Qty
<b>83323</b>	115	22	36+	13300	64860	25
<b>83322</b>	125	22	36+	12000	64861	25
<b>83321</b>	180	22	36+	8600	64862	25



**CUBITRON II**

### Accessories: 982C, 982CX Pro & 987C Back-up Pads

For heavy stock removal.

Part No.	Description	Size	Colour	Max RPM	Box Qty
<b>64860</b>	3M™ Cubitron™ II Ribbed Back-Up Pad	115mm x M14 – 2.0	Red	13300	10
<b>64861</b>	3M™ Cubitron™ II Ribbed Back-Up Pad	125mm x M14 – 2.0	Red	12200	10
<b>64862</b>	3M™ Cubitron™ II Ribbed Back-Up Pad	180mm x M14 – 2.0	Red	8500	10



### 3M™ Fibre Disc 782C

3M 782C fibre discs are designed for all applications typical of such abrasives, including but not limited to beveling, weld grinding, weld preparation, and general sanding/grinding where the edge of the disc is not used. The primary substrate for this product is mild (carbon) steel.

Part No.	Diameter (mm)	Centre Hole (mm)	Grade	Max RPM	Accessory	Box Qty
<b>89714</b>	115	22	36+	13200	7306	25
<b>89718</b>	115	22	60+	13200	7306	25
<b>89722</b>	115	22	80+	13200	7306	25

Also available in 100mm, 125mm and 180mm.



Abrasives

### 3M™ Fibre Disc 787C

Designed for all applications typical of such abrasives, including but not limited to beveling, weld grinding, weld preparation, and general sanding/grinding where the edge of the disc is not used. The primary substrates for this product are stainless steel and other nickel/chromium-based alloys. It is also recommended for non-ferrous alloys such as aluminum and titanium.

Part No.	Diameter (mm)	Centre Hole (mm)	Grade	Max RPM	Accessory	Box Qty
<b>89730</b>	115	22	36+	13200	7306	25
<b>89734</b>	115	22	60+	13200	7306	25
<b>89738</b>	115	22	80+	13200	7306	25
<b>89742</b>	115	22	120+	13200	7306	25

Also available in 100mm, 125mm and 180mm.



# Premium Abrasive Discs



## Accessories: 782C & 787C Back-up Pad

Part No.	Description	Size	Colour	Max RPM	Box Qty
<b>7306</b>	3M™ Flat Semi-Flexible Pad (for blending and finishing)	115mm x M14 – 2.0	Black	13200	5

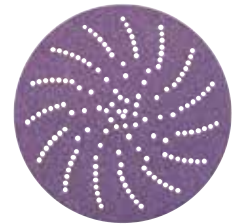


## Sanding

### 3M™ Cubitron™ II Hookit™ Sanding Disc 775L

The 3M™ Cubitron™ II Sanding Disc is a revolutionary advancement in abrasive technology featuring triangular shaped ceramic mineral. As the triangular shaped grain wears, it continually fractures to form sharp points that slice through the substrate, wear evenly and provide extra-long life and consistency.

Part No.	Diameter (mm)	Grit	Fixing System	Max RPM	Hole Config.	Box Qty
<b>86824</b>	152	80+	Hookit	12000	Clean Sand	50
<b>86825</b>	152	120+	Hookit	12000	Clean Sand	50
<b>64259</b>	152	150+	Hookit	12000	Clean Sand	50
<b>64265</b>	152	180+	Hookit	12000	Clean Sand	50
<b>64271</b>	152	220+	Hookit	12000	Clean Sand	50



**CUBITRON™ II**

### 3M™ Cubitron™ II 710W Xtract™ Sanding Disc

The 3M™ Cubitron™ II 710W Xtract™ Sanding Disc is designed to help ensure a consistent and perfect finish on multiple substrates, including wood, metal, and composites. The 3M Xtract™ helps improve productivity, performance and the final finish, whilst maintaining a virtually dust-free work environment – thanks to advanced dust extraction technology.

Part No.	Diameter (mm)	Grit	Fixing System	Max RPM	Hole Config.	Box Qty
<b>39066</b>	150	80+	Hookit	12000	Clean Sand	50
<b>39072</b>	150	120+	Hookit	12000	Clean Sand	50
<b>39080</b>	150	150+	Hookit	12000	Clean Sand	50
<b>39083</b>	150	180+	Hookit	12000	Clean Sand	50
<b>39160</b>	150	240+	Hookit	12000	Clean Sand	50



**CUBITRON™ II**

## Clean & Strip Disc

### 3M™ Scotch-Brite™ Clean & Strip XT Pro Disc XO-RD

Nonwoven Abrasive Disc for cleaning, finishing, polishing, blending, scuffing, deburring and paint stripping.

Part No.	Diameter (mm)	Centre Hole (mm)	Grade	Max RPM	Colour	Box Qty
<b>51889</b>	115	22	S XCRS	13000	Dark Purple	10



## Unitised Discs

### 3M™ Scotch-Brite™ Deburr and Finish Pro Discs DP-UD

Designed to make a variety of metalworking applications easier and more efficient for industrial professionals. Typically, abrasives excel in one area: deburring, finishing or blending. This multi-purpose disc is unique, because it's engineered to do all three.

Part No.	Diameter (mm)	Centre Hole (mm)	Grade	Max RPM	Colour	Box Qty
<b>51961</b>	115	22.23	8C CRS+	13300	Grey	10
<b>713542</b>	115	22.23	6C MED	13300	Grey	10
<b>51962</b>	115	22.23	2S FIN	13300	Grey	10

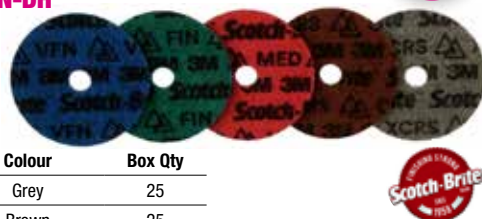


## Surface Conditioning Discs

### 3M™ Scotch-Brite™ Precision Surface Conditioning Discs, PN-DH

Scotch-Brite™ Precision Surface Conditioning Discs set a new standard in surface conditioning performance. These reformulated multi-purpose discs feature 3M Precision-Shaped Grain technology incorporated into the nonwoven web, bringing a new level of productivity and abrasive life to the Scotch-Brite™ lineup.

Part No.	Diameter (mm)	Centre Hole (mm)	Grade	Colour	Box Qty
<b>7100275260</b>	100	16	XCRS	Grey	25
<b>7100275261</b>	100	16	CRS	Brown	25
<b>7100275899</b>	100	16	MED	Maroon	25
<b>7100275837</b>	100	16	FIN	Green	25
<b>7100275838</b>	100	16	VFN	Blue	25
<b>7100274225</b>	115	22	XCRS	Grey	25
<b>7100274279</b>	115	22	CRS	Brown	25
<b>7100275844</b>	115	22	MED	Maroon	25
<b>7100275836</b>	115	22	FIN	Green	25
<b>7100275845</b>	115	22	VFN	Blue	25



### 3M™ Scotch-Brite™ Hookit™ Backed Discs SC-DH

Refine heavy scratches, improve aesthetic finish, blend and prepare for painting.

Part No.	Diameter (mm)	Centre Hole (mm)	Grade	Colour	Box Qty
<b>430399</b>	100	16	ACRS	Brown	22
<b>408207</b>	100	16	AMED	Maroon	22
<b>421223</b>	100	16	AVFN	Blue	22
<b>60981</b>	115	22	ACRS	Brown	20
<b>60982</b>	115	22	AMED	Maroon	20
<b>60983</b>	115	22	AVFN	Blue	20



### Accessories: Surface Conditioning Back-up Pad

Part No.	Description	Size	Colour	Max RPM	Box Qty
<b>61678</b>	Scotch-Brite™ Centre-Pin Hook & Loop Back Up Pad	100mm x M14	Black	18000	1
<b>61680</b>	Scotch-Brite™ Centre-Pin Hook & Loop Back Up Pad	115mm x M14	Black	12000	1

## Refining/Surface Preparation

### 3M™ Scotch-Brite™ Handpads

General purpose cleaning, blending, prep work and finishing. Other grades available, as well as rolls.

Part No.	Product Type	Size (mm)	Width & Length (mm)	Grade	Colour	Box Qty
<b>5303</b>	7447+	155	155 x 225	A VFN	Maroon	20
<b>5304</b>	7448+	155	155 x 225	S ULFN	Grey	20
<b>5306</b>	7486	155	155 x 225	A CRS	Dark Green	20



### 3M™ Scotch-Brite™ Roloc™ Surface Conditioning Disc SC-DR

Aggressively deburrs and finishes.

Part No.	Diameter (mm)	Grade	Colour	Max RPM	Accessory	Box Qty
<b>05532</b>	75	A CRS	Brown	18000	45091	25
<b>05531</b>	75	A MED	Maroon	18000	45091	25
<b>05530</b>	75	A VFN	Blue	18000	45091	25



### 3M™ Scotch-Brite™ Bristle Brush

Scotch-Brite Bristle products are injection moulded with the abrasive mineral distributed throughout the nylon material for a 3-dimensional product. They are used for: Deburring, Blending, Cleaning and Coating Removal.

Part No.	Type	Diameter (mm)	Colour	Grit	Max RPM	Box Qty
<b>62968</b>	BB-ZS	76	Yellow	P80	10000	6

